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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:

Bruce J. ROSER et al.

Serial No.: 09/623,495

Filed: November 13, 2000

For: AMORPHOUS GLASSES FOR
STABILIZING SENSITIVE PRODUCTS

Art Unit: 1623

Examiner: Michael C. Henry

Atty. Docket: P65952US0

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RESPONSE UNDER 37 C.F.R. 1.116

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Assistant Commissioner of Patents
Washington, D.C. 20231

Sir:

This is in response to the Office Action mailed January 28, 2003.

AMENDMENT

In the claims:

Please cancel claims 1-20.

Please add new claims, claims 21-66, as follows:

21. (New) A method for making a composition comprising an amorphous sugar glass without crystals therein and at least one compound having an activity that is about 80% or more of its original activity after a period of time at about 37 °C to about 70 °C which comprises

- (a) forming an aqueous system which is a solution of
 - (i) one or more monosaccharide sugar alcohol which would normally form sugar crystals on drying;
 - (ii) a compound which is normally subject to deactivation on drying, or a mixture of such compounds; and
 - (iii) at least one additive which is a glass-former or a formulation-facilitator, the total amount of the additive being sufficient to cause the monosaccharide sugar alcohol to form a glass on drying; wherein the additive itself does not crystallize during